The specialty tractors from Fendt look back on a long tradition and have always stood for reliability, profitability and a long-lasting value.

Is it possible to top this with a new development? Fendt has taken on this challenge and mastered it through the consistent further development of technology.

The new 200 Vario tractors from Fendt open a new era in specialty tractors. They unite maximum ride comfort and optimum efficiency and are also the first and only stepless specialty tractors with the Vario transmission on the market.
Fendt 207 V/F  51 kW  70 hp
Fendt 208 V/F  59 kW  80 hp
Fendt 209 V/F/P  67 kW  90 hp
Fendt 210 V/F/P  73 kW  100 hp
Fendt 211 V/F/P  81 kW  110 hp

Maximum power kW/hp (ECE R 24)

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The Fendt specialty tractors provide what the market needs

More than fifty years of experience, continual development – adapted to the demands of the market – and state-of-the-art engineering. That sets the specialty tractors from Fendt – designed and built in the Allgäu – apart.

The milestones
In 1957, over 50 years ago, the first Fendt specialty tractor with 24 hp and an outer width of only 98 centimetres already left the assembly line in Marktobendorf. The big breakthrough came with the first series of the V/F/P tractors in 1974. With a narrow outer width of only 92 centimetres these tractors from Fendt set new standards. The second generation of the Fendt specialty tractors were offered with an award-

winning swinging power lift and had exceptional manoeuvrability thanks to the wasp-waist design of the body. Fendt set new standards with a new version of the specialty tractors in 2003. An exclusive front axle suspension with integrated stability control, a hydraulic centre and comfort cab are only a few features that made the Fendt specialty tractor so popular.

200 Vario – the specialty tractor for the future
Through continual development and a wealth of experience, Fendt has succeeded in building an incomparable specialty tractor. The new 200 Vario: incomparable in terms of profitability and ride and operating comfort.
200 Vario – the right one for everyone

200 V Vario:
The traditional vineyard tractor
- Traditional narrow vineyard tractor with
tyres up to 24 inches
- From 70 – 110 hp (51 – 81 kW)
- For narrow spacings with widths from
1.50 m to 2.20 m, narrow outer width also
makes it ideal for municipal work
- Narrow dimensions starting at an outer
width of 107 cm
- Alternative: V with wide front axle for
optimum manoeuvrability
- Applications: for wider spacings with widths
from 1.80 m to 2.50 m

200 F Vario:
The medium-wide specialty tractor
- Medium wide specialty tractor with
comfortable, wide cab and tyre sizes
up to 28 inches
- From 70 – 110 hp (51 – 81 kW)
- Applications: row widths from 1.90 m to
3 m wide spacings, wine-growing with
wide overhangs, fruit-growing with fruit
trees that have grown together, vegeta-
ble-growing and farming in hothouses
- Outer width starting at 1.32 m, depends
on tyres

200 P Vario:
The wide specialty tractor
- Wide track specialty tractor – a wide track
and large cab provide a high level of stabil-
ity and comfort.
- From 90 – 110 hp (67 – 81 kW)
- Optimally suited for operations in fruit and
wine-growing with wide spacings
- Ideal for hops-growing
- Row widths from 2.20 m to 5 m
- Outer width starting at 1.68 m

The 200 Vario is available in three versions to
meet your requirements: a narrow, tradition-
al vineyard tractor V, a medium-wide F for
wide spacings and a wide P-tractor for hops
and fruit-growing. An important advantage
of the Fendt specialty tractors lies in the ex-
tensive, tailor-made line of optional equip-
ment, with which the 200 Vario can be cus-
tomised to meet all individual requirements,
because each area of application needs its
own 200 Vario.

Rear wheel drive version with
highly efficient four-wheel brakes
A rear wheel drive version is available for the
Vario 207 V/F and 208 V/F models. These trac-
tors have a highly efficient four-wheel braking
system. The front wheels are retarded with their
own drum brakes. All other models are general-
ly equipped with four-wheel drive.

If height is decisive – the low roof version
Upon request, a low roof version is available for
all models. This decreases vehicle height by
15 cm. Just as in the normal version, these
tractors have both a heating and ventilation system. With standard tyres, the low roof version of the Vario V has a vehicle height of 2.21 metres and the F and P-versions are 2.29 metres high.

200 Vario with safety frame
All V- and P-models are available as a base model with a safety frame (fold-down optional). This is important for low entrances and passages.

Profi package
All models of the new 200 Vario can be equipped with the Profi package. You can select the appropriate hydraulic equipment level to meet the requirements of your operations.
The comfort cab – unprecedented legroom, optimum ergonomics and much more

Take your place in the completely newly-designed cab on the 200 Vario and you will be amazed. The cab offers an unprecedented amount of legroom, since there is no transmission tunnel. The central operating unit on the right side, in which all working and operating functions are integrated, as well as the height and tilt adjustable steering wheel in the 200 Vario, give new meaning to operating ergonomics. Bothersome gear-shift or operating levers in the foot area are a thing of the past.

Even cab floor
Easy to climb in and out of – with the new 200 Vario, Fendt offers the first specialty tractor with an even cab floor. There is no transmission tunnel and with the central operating unit on the right side, there are no operating elements to get in the way in the foot area. The height and tilt-adjustable steering wheel and the comfort seat with air suspension (optional) ensure you are in the right position to help you stay fit on long working days.
Perfect work environment
The efficient heating and ventilation system with integral air-conditioning ensures an optimum work environment. The hot water heating, which uses the water cooler, ensures a comfortable temperature in the cab, even on cold days.

Best visibility in all directions
The generous glass areas, the narrow steering column and the roof window provide an optimum view to the implements at all times. The interior lighting gives you an excellent overview, even at night, allowing targeted control of all functions.

Quiet cab
Noise development is very low, thanks to conical bearings and the cab being isolated from the tractor body. The extremely well insulated cab and the water-cooled engine, which is extremely smooth-running at low engine speeds, ensure optimum sound-proofing.
Operating comfort at its best

Perfectly arranged operating elements as well as an ergonomically designed driver station make work significantly more effective and easier. That is why a central operating unit with integral armrest on the right side was developed for the 200 Vario. Depending on our needs, you can also upgrade your tractor with the optional Profi package.

Vario joystick functions, make work easier

The standard version is ideally suited for customers who, due to their area of operation, are looking for a simple and easy solution for controlling the hydraulics. At the core of the control concept is the Vario joystick, which is optimally adapted to the continuously variable transmission. It controls the transmission and the cruise control, activates the engine speed memory and actuates the 3rd and 4th hydraulic circuits. It also controls the Tractor Management System (TMS, optional).
• Unparalleled ergonomics
• Comfortable armrest
• Electrohydraulic control valves can be operated proportionally
• Up to four valves can be operated with the multi-function joystick
• Oil flow volume can be set for each valve
• Power lift and PTO automatic on the multi-function joystick

For the demanding: the Profi package
The Profi package leaves no wishes open and is ideal for high-tech applications and professional work. This enhanced equipment level includes additional control valve functions and automatic functions for the rear power lift and rear PTO, which can be controlled with the multi-function joystick. In addition to TMS, the Profi package also includes an integral reversing lever as standard. Control of up to six control units is possible.

Sensitive controls
The crossgate lever permits sensitive control of valves 1 and 2. Valves 3 to 5 are controlled with three linear modules, which are conveniently located in front of the armrest. The PTO controls also lie well within reach. A membrane keypad is used to engage and disengage the PTO and enable the PTO automatic mode.
Overview of the 200 Vario

1. Front axle with 58 degree steering angle
2. Front axle suspension with level control - hydraulic cylinders with +/- 40 mm suspension travel
3. Wasp-waist design
4. 3.3-l turbo three-cylinder
5. Vario transmission
6. Cooling system
7. Transmission oil cooler
8. Mid-mount area
9. Comfort seat
10. Height and tilt-adjustable steering column
11. High-tech hydraulics with up to 6 electric proportional valves
12. Hydraulic block
13. EPC with shock load stabilising
14. Comfort cab
15. Hinged viewing window with roller shade
16. Integral air conditioning
17. Integral fuel tank
18. Front power lift folds up
19. AG Rex external exhaust gas recirculation
The 200 Vario – continuously variable speeds to the top

When developing the 200 Vario, the engineers at Fendt stood before a great challenge: how to fit the Vario technology from the large tractors into a small space. The transmission was therefore especially adapted to the smaller size and special needs of specialty tractors. On the first stepless specialty tractor, the 200 Vario, the Vario transmission proves its capabilities and offers enormous benefits.

Driving pedal mode
Set the direction you would like to drive with your left hand; then all that is needed to start the tractor is to press the driving pedal. In the driving pedal mode, only the right foot is required to drive the tractor – similar to a car with an automatic transmission. The further the pedal is pressed down, the faster the tractor goes.

Deaccelerate
If you are going too fast, pull the joystick back and the 200 Vario brakes the engine and transmission.

Reverse
Pull the joystick back and the Vario reverses from standstill. Faster or slower reverse speeds function in the same way as for forward travel.

Rapid or slow acceleration
How rapidly or slowly you accelerate or decelerate with the transmission is determined by which of the four pre-set acceleration rates you select with the thumb control.

Automatic forward/reverse
Direction changing in a flash: giving the joystick a quick tap to the left is all that is necessary to change driving direction from forward to reverse or vice versa. The Vario decelerates to a standstill by itself and then accelerates efficiently and smoothly in the opposite direction.

Cruise control
The cruise control maintains a constant pre-set speed. All that is required to activate it is to give the joystick a quick tap to the right.

No jerking all the way to the top
A continuously variable drive enables exceptional precision in the row and at the headlands. The first stepless specialty tractor, the 200 Vario, allows you to drive at the optimum speed during all operations. Any speed is possible from 20 metres per hour to 40 km per hour. The speed can be adapted to the requirements without jerking, even on slopes. Thus the 200 Vario offers a high degree of safety even on steep slopes.
Save fuel and time
The savings potential of the continuously variable transmission is clearly noticeable. You save valuable working time – up to 10 percent – through higher area coverage and can also profit from low fuel consumption. Thanks to TMS the engine is always operating at an economical optimum, which optimises fuel consumption.

Available space – almost like the 200 Vario’s big brothers
By moving a part of the Vario technology to the rear axle housing, the bothersome transmission tunnel in the cab has become a thing of the past. That increases ride comfort enormously and provides unrestricted legroom. The compact design also enables a short wheelbase for good manoeuvrability and small outer widths.
The overall profitability of a tractor plays an increasingly important role. Fuel consumption plays a crucial role here. With the Vario transmission, it is easy to always drive the tractor at an economical optimum, which greatly reduces fuel consumption.

Better than power shift
With continuously variable speeds, you can utilise power reserves that are not available to modern power shift transmissions. Vario allows you to mobilise the power reserves that are hidden in between the steps. That provides power flow without interruptions.

Drive economically
After it is enabled, the tractor management system (TMS, optional) regulates engine and transmission control. This increases operating comfort significantly, since drivers only need to set...
- Mobilisation of hidden power reserves
- Vario joystick operation instead of multiple levers
- Super crawler gears included
- Turbo clutch function can be engaged and disengaged
- Stepless reversing of driving direction without wear
- Tractor Management System (TMS)
- Stop-and-go function

the desired speed, TMS controls the rest. With this system, the tractor drives at a reduced engine speed on level ground. On slopes, the load increases, so TMS automatically increases the engine speed. As soon as the load decreases again (on level ground or downhill), the quantity of fuel injected is reduced. With TMS, the tractor is therefore always operated at as low an engine speed as possible – operations with TMS are more economical.

**Special equipment included**
In addition to economic benefits, the continuously variable drive also offers you a one-of-a-kind benefit in operating comfort. A super crawler gearbox is no longer necessary, since these gears are already integrated in the Vario drive. Furthermore, the 200 Vario offers automated operation with cruise control functions and automatic maximum output control. The turbo clutch function offers a further plus in driving comfort, since it makes stalling the engine almost impossible.
The 200 Vario –
high performance and economical operations

The external EGR system provides targeted cooling of recirculated exhaust, which lowers fuel consumption significantly better than internal exhaust gas recirculation systems.

The latest technology in engine design has been implemented in the 3-l-AGCO-Sisu-Power-engines, which allows the 200 Vario to attain high performance values with economical fuel consumption.

The Picoflex air filter stands for maximum performance despite the tight installation space in specialty tractors.

The 3-cylinder-AGCO-Sisu-Power-engine was developed especially for the new 200 Vario in collaboration with the engineers at Fendt. It is a lively and dynamic engine that runs smoothly and delivers high performance values. During development, the focus was on optimising in-field performance values. It is therefore possible to perform row crop work at a fuel-saving 1,500 rpm, as well as work at a maximum speed of 40 km/h at 1,750 rpm.

Powerful engine – economical fuel consumption
The 3-cylinder-AGCO-Sisu-Power-engine has a very compact design, a speed independent common rail high injection system as well as fully electronic engine control. This allows the 200 Vario to always drive at an economical optimum, which makes it extremely economical. Of course, the Sisu engine on the 200 Vario complies with the current Tier III emissions standard.
AGRex – economical and environmentally-friendly
The high-performance injection system and the AGRex external exhaust gas recirculation system complement each other. Combustion is optimised through cooling and the exact proportioning of recirculated exhaust. Fuel consumption is substantially lower than that of simple internal exhaust gas recirculation systems.

High efficiency cooling
The newly designed cooling system on the 200 Vario has large intake areas. This results in less dirt in the radiator and optimised cooling performance, even during extreme operating conditions. The Picoflex engine air filter guarantees a high filter service life and less maintenance work. It allows high air throughput despite the tight installation space.

• Compact 3-cylinder-AGCO-Sisu-Power-engine – developed especially for the 200 Vario
• Space-saving integration of the fuel tank (76-litre tank capacity)
• Compact cooling unit
• High-level technology for reducing fuel consumptions
• Common rail injection technology with external exhaust gas recirculation
• RME biodiesel can be used
• High performance filter guarantees long service life

The 200 Vario can be used with RME biodiesel without restrictions. The use of rape methyl ester according to DIN EN 14214 (formerly DIN 51606) is fully approved by the manufacturer as standard specification. This allows you to profit from enormous cost benefits, because you do not require additional insurance and conversion is not necessary.
Maximum productivity through Fendt high-tech hydraulics

Modern implements demand ever greater flexibility and performance from the tractor hydraulics. Fast lifting and high oil delivery rates are required for economical and precise operation. The 200 Vario meets all the demands on the hydraulic system. With the high-tech hydraulic system from Fendt, implements that have many hydraulic functions, for example a leaf cutter, can be controlled easily and comfortably.

Powerful hydraulics
The 200 Vario is equipped with a load-sensing hydraulic system, i.e. modern axial piston pumps deliver precisely the amount of hydraulic oil that is required – up to 76 litres per minute (with flow collection 106 l/min). A maximum of 25 litres of hydraulic oil is available to mounted or trailed implements. The oil supplies for the transmission and hydraulics are separate. Unrestricted use of bio-oils for the hydraulics is therefore possible without problems.
Auxiliary valve equipment for all cases
In the Profi package, the 200 Vario has four electric double-acting auxiliary valves as standard specification and can be optionally equipped with up to six valves. These are controlled using the crossgate lever, linear modules and the multi-function joystick – no additional control units are required and it is not necessary to reach for many different controls.

EPC rear power lift with reserves
The electro-hydraulic rear power lift, with a maximum lift capacity of 2,715 daN, guarantees that the heaviest rear implements can be lifted all the way without trouble. The standard-equipped shock load stabilising system counteracts vehicle bounce by actively lifting and lowering the power lift.
Mid-mount area for efficient working combinations

Efficiency thanks to mid-mount area
A 45-cm clearance permits excellent visual monitoring of implements. Four double-acting valves on the right-hand and 2 valves on the left-hand side, along with return flow and cross connection, permit optimal control of high-level hydraulic combinations. You can operate time and cost-saving implement combinations in three mounting areas simultaneously. Benefit: maximum efficiency and best ergonomics and outstanding profitability.

The 200 Vario offers three mounting areas: at the front, centre and rear. It is therefore ideally suited for operations with economical implement combinations. Combinations not only save operating time and machine costs, but also increase working quality by reducing driving tracks and soil compaction.
Perfectly adapted implement mounting plate
The implement mounting plate provides an additional mounting area between the axles. It is available as a factory-fitted option. The swinging power lift can be adapted to difficult slopes hydraulically. The infinitely adjustable tilt and horizontal control directly from the driver seat, the V- and F-tractors provide enormous benefits when working with a ripper, plough or fork lift.

The tilt adjustment adapts the fork lift or mulcher to the existing slope using 2 cylinders. Floating or locking is possible in any position. This allows the ground to be worked evenly and the fork lift can be operated independent of the position of the tractor.

Lateral control allows implements to be guided precisely within the row. Implements can be adjusted to the left or right on slopes. Ground cultivation and weed control can be carried out right up to the base of the vine without damaging it.

Comfort controls for swinging power lift
You have always wished that it could be this easy. You can control the lateral and tilt adjustment, including the additional swing and lock functions using the clearly laid out keypad. You can monitor tilt with the tilt control indicator in the cab, which is conveniently located next to the EPC hitch controls. The hydraulic lateral and tilt control has 4 functions that can be actuated with the touch of a button: adjustment to the left and right as well as floating position and lock.

Practical advantages of tilt adjustment
The rear-mounted implement can be guided precisely within the row on slopes using two hydraulic cylinders (optional).

Practical advantages of lateral control
The lower links can be locked or set to floating position, allowing rear-mounted implements to be guided precisely within the row.

Lifting cylinder
Cylinder for tilt adjustment
Power lift control on load-sensing pin
Cylinder for lateral adjustment
Lifting cylinder
Lower link
The lower links on the front power lift can be folded up without using tools.

Optimal adaptation to the terrain
New dimension in productivity: front axle suspension with level control

The front axle suspension with level control on the Fendt 200 Vario specialty tractors guarantees maximum ride comfort, best driving safety and optimum traction. This provides considerable advantages, especially on steep slopes, since all four wheels are in contact with the ground longer. The anti-roll control also ensures safety and stability in the row. With active shock load stabilising and lifetime high-performance brakes, the 200 Vario has unprecedented ride comfort.

Exceptional ride and operating comfort
The intelligent combination of three systems guarantees maximum ride and working comfort: self-leveling front axle suspension with anti-roll control, a cab with silent bearings and active shock load stabilising. This reliably minimises shock loads and counteracts uneven ground on the road and in the field – by up to 20 percent. Level control permits high payloads and ensures a constant, high degree of suspension comfort even with high loads.
Front axle suspension
The front axle, which is pushed by a swing arm, detects uneven surfaces and transmits these findings to hydraulic cylinders. The oil displaced in the cylinders presses against the nitrogen reservoirs, where the shock loads are damped. The integral automatic level control with position sensor, guarantees constant suspension comfort independent of load. The front axle, featuring a 10 degree swing, ensures better adaptation to the terrain along with excellent traction and optimum steering and braking safety. Anti-roll control guarantees a high degree of stability and operating safety, especially when working with mounted implements.
Manoeuvrability on the narrowest tracks

The high-quality axle design unites exceptional manoeuvrability and robustness with excellent handling. A 58 degree steering angle, wasp-waist design, three degree castor angle and the robust planetary final drives with excellent payload capacity, build the basis for high performance. It is therefore easy to change over to the next row at the end of the row.

High-quality four-wheel drive axle
The fully loadable four-wheel drive axle has a three degree castor angle, double universal joints and an especially robust planetary final drive. The 200 Vario tractors therefore have excellent straight-ahead driving and very stable handling. The swing angle of eight degrees (with front axle suspension even ten degrees) enables excellent adaptation to the ground and optimum traction.

Sensitive high-performance brakes with long service life
The four-wheel braking system is practically maintenance-free and ensures safe driving on slopes or on the road. It comprises two...
• Best manoeuvrability through 58° steering angle, wasp-waist design and 3° caster angle

• Excellent straight-ahead driving as well as stable handling

• Excellent adaptation to the ground and optimum traction

• Sensitive high-performance brakes

• Locks can be engaged and disengaged under load

integrated multi-disc brakes for the rear wheels and a multi-disc pack for the 4WD engagement on the front wheels. The brakes are automatically sprayed with fresh oil every time they are actuated, which reduces thermal loads to a minimum. On the rear wheel drive version, hydraulic drum brakes retard the front wheels.

High-quality multi-disc differential locks
Through the use of high-quality 100 percent locking differentials at the front and rear (V and F), the locks can be fully engaged and disengaged under load. The locks release immediately when disengaged, in contrast to conventional dog clutches, which do not release under tension. The P-tractor has a tried and proven Locomatic self-locking differential in the front axle.

If you switch off the engine on a slope while the 4WD and differential locks are engaged, these functions are automatically fully reactivated later, when the tractor is restarted.
Innovative technology, intelligent services – all from one source

Consultation: the way to a custom Fendt
Fendt sales agents are experienced specialists who can provide you with extensive advice and information on technology, equipment and the overall profitability of a Fendt tractor.

More freedom for investments – the AGRICREDIT financial services
Financing through AGRICREDIT guarantees attractive conditions and flexible repayment periods, customised to meet your needs.

A trial run in the field – experience the difference
You cannot pass judgement on a Fendt tractor without the experience of driving one in the field. Fendt tractors enjoy a first-class reputation for superb driving and working comfort. Not until you have driven a Fendt, do you realise how big the difference really is when compared with other tractors.

Renting creates freedom
Do you need a vehicle to fill a short-term capacity requirement, or do you want use one over a longer period of time without purchasing? Are you looking for a tax advantage or do you require solvency for another investment? Fendt StarService offers you solutions.

It is clear that you get cutting-edge technology with a Fendt tractor. But that is not enough for a successful business nowadays. That is why Fendt sales partners also offer a wide range of services. All from one source.

Competent consultations and demonstrations
Fendt dealers and distributors receive regular training and are specialists for Fendt products. They have in-depth knowledge of the entire product line and will offer you competent consultation. Ask your local Fendt sales partner. Or contact us at www.fendt.com to arrange an individual Fendt demonstration.
Original Fendt parts – so your Fendt stays 100% Fendt

Original Fendt parts are tailored to your Fendt. They carry the assurance of series quality and are tested for functional reliability. That pays off in many ways: – 12 month warranty on original Fendt parts and their installation – the highest level of operational reliability – top resale value.

Fast diagnostics thanks to FENDIAS

The StarService technician uses FENDIAS to gain access to the digital data inside your Fendt. Furthermore, if required, data is gathered and analysed while the machine is running – for example, data from the hydraulics or the transmission. All for the sake of fast error diagnostics and operational availability.

FENDT StarService Emergency Hotline

Available 7 days a week! FENDT StarService Partners are mobile and have only one objective: to keep your Fendt operationally available, primarily through preventative measures. Should something actually happen, fast and competent help is available through the Emergency Hotline – even on-site at your farm or business!

Profitability under contract

With a Fendt Service Package, you have servicing and repair costs under control. Would you like to have the prescribed servicing work done on the basis of reasonable fixed costs? Or do you want full control of costs per operating hour without unpleasant surprises? Choose between the Service, ProService and FullService packages.

Rent a tractor

Rent a tractor including the Service Package at a fixed cost through your Fendt StarService partner. This frees up your funds and you can easily calculate the costs per hour. If desired, we can take over all servicing work, complete insurance coverage and repairs*.

Know-how through practical training

Profit by technically and economically optimising operations with your Fendt tractor, whether in the field, on the road or in the books. Professional instructors show you how to utilise top class technology efficiently and safely, in theory and practice.

Fast diagnostics thanks to FENDIAS

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## Technical Specifications

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### Transmission and PTO

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<th>30/40</th>
<th>30/40</th>
<th>30/40</th>
<th>30/40</th>
<th>40</th>
<th>40</th>
<th>40</th>
<th>40</th>
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<th>40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driving range (forward/reverse)</td>
<td>4WD: 0.02 to 40 km/h / 0.02 to 25 km/h</td>
<td>2WD: 0.02 to 30 km/h / 0.02 to 25 km/h</td>
<td>540 / 540E / 1000</td>
<td>540 / 540E / ground PTO</td>
<td>540 or 1000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum speed RWD:4WD (km/h)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powershiftable PTO standard upon request</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### Hydraulics

<table>
<thead>
<tr>
<th>Types</th>
<th>Electrohyd. power lift control (EPC) with shock load stabilising or EHL position control upon request free floating, position, draft and infinitely adjustable mixed control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>Tandem pump (35+41) load-sensing system with displacement pump (35+71)</td>
</tr>
<tr>
<td>Operating pressure (bar)</td>
<td>200</td>
</tr>
<tr>
<td>Flow capacity of control valves</td>
<td></td>
</tr>
<tr>
<td>Max. lift capacity rear power lift (daN)</td>
<td>2775</td>
</tr>
<tr>
<td>Max. lift capacity front power lift (daN)</td>
<td>2380</td>
</tr>
</tbody>
</table>

### Brakes

<table>
<thead>
<tr>
<th>Types</th>
<th>Wet ring piston brake autom. 4WD engagement / hydraulic drum brake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brakes rear</td>
<td>Four-wheel braking system for 4WD:2WD</td>
</tr>
</tbody>
</table>

### Electrical equipment

<table>
<thead>
<tr>
<th>Battery (Ah)</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three-phase alternator</td>
<td>14V / 120A</td>
</tr>
</tbody>
</table>

### Weights and dimensions

<table>
<thead>
<tr>
<th>Unladen weight with cab (kg)</th>
<th>2780</th>
<th>2860</th>
<th>2780</th>
<th>2860</th>
<th>3080</th>
<th>2780</th>
<th>2860</th>
<th>3080</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unladen weight with safety bar (kg)</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
<td>2580</td>
</tr>
<tr>
<td>Max. perm. overall weight RWD:4WD (kg)</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
<td>4000/4500</td>
</tr>
<tr>
<td>Max. vertical hitch load (kg)</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>Overall length (mm)</td>
<td>3578</td>
<td>3683</td>
<td>3578</td>
<td>3683</td>
<td>3578</td>
<td>3683</td>
<td>3701</td>
<td>3578</td>
</tr>
<tr>
<td>Overall width narrow/wide (mm)</td>
<td>1070/1161</td>
<td>1340</td>
<td>1151/1269</td>
<td>1372</td>
<td>1151/1269</td>
<td>1372</td>
<td>1679</td>
<td>1256/1352</td>
</tr>
<tr>
<td>Wheelbase (mm)</td>
<td>2160</td>
<td>2160</td>
<td>2160</td>
<td>2160</td>
<td>2160</td>
<td>2160</td>
<td>2160</td>
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<tr>
<td>Overall height comfort cab (mm)</td>
<td>2360</td>
<td>2443</td>
<td>2390</td>
<td>2462</td>
<td>2390</td>
<td>2462</td>
<td>2486</td>
<td>2390</td>
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<tr>
<td>Overall height low roof version (mm)</td>
<td>2210</td>
<td>2293</td>
<td>2240</td>
<td>2312</td>
<td>2240</td>
<td>2312</td>
<td>2336</td>
<td>2240</td>
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<tr>
<td>Overall height safety bar high (mm)</td>
<td>2383</td>
<td>2383</td>
<td>2413</td>
<td>2413</td>
<td>2413</td>
<td>2413</td>
<td>2509</td>
<td>2413</td>
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</tbody>
</table>

---

1) upon request
2) Speed depends on tyres
### Tyres

<table>
<thead>
<tr>
<th>Tyres</th>
<th>rear wheel drive</th>
<th>Track min.</th>
<th>Track max.</th>
<th>Track rear</th>
<th>Width rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>front</td>
<td>front</td>
<td>front</td>
<td>front</td>
<td>front</td>
</tr>
<tr>
<td>200/70R15</td>
<td>280/85R24</td>
<td>940</td>
<td>777</td>
<td>1070</td>
<td>1150</td>
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<tr>
<td>200/70R16</td>
<td>320/85R24</td>
<td>940</td>
<td>820</td>
<td>1150</td>
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<tr>
<td>200/70R17</td>
<td>280/85R24</td>
<td>794</td>
<td>777</td>
<td>1070</td>
<td>1150</td>
</tr>
<tr>
<td>200/70R18</td>
<td>320/85R24</td>
<td>862</td>
<td>831</td>
<td>1152</td>
<td>1152</td>
</tr>
</tbody>
</table>

### Standard equipment

- Turbo engine with water cooling
- External exhaust gas recirculation AGRex
- Air filter - preconditioner
- Cold-start system
- Engine preheater

### Optional equipment

- Engine
- Turbo clutch function
- Cruise control, automatic max. output control
- Shuttle gearbox

### Transmission

- Rear 540 / 750 / 1000 rpm
- Rear 540 ground PTO 750 rpm
- Front 540 rpm or 1000 rpm
- Comfort engagement PTO, electrohydraulic preselection
- External controls for rear PTO

### Chassis, driving safety

- Front axle with level control
- Shock load stabilising, EPC power lift
- Air compressor system

### Power lift

- Electrohydraulic power lift control EPC
- Swinging power lift
- Mechanical lateral and tilt adjustment
- Hyd. lateral and tilt adjustment
- with comfort controls
- EHL power lift
- Quick coupler
- Steer lift
- Front power lift

### 4WD - different locks

- Comfort engagement control 4WD/differential locks
- Steering angle and speed-controlled
- Rear and front differential with disc locks
- Fully protected drive shaft

### Hydraulics

- Hydraulic tandem pump (max 76 l/min) with hydraulic oil cooler
- Displacement pump (max. 106 l/min)
- 2 electr. proportional valves – da-flow control-floating position
- Up to 6 electr. proportional valves
- Crossgate lever
- Manual hydraulic implement control
- Tilt indicator, swinging power lift

### Cab

- Multi-function joystick
- Variostick control
- Height and tilt adjustable steering column
- Hot water heating with three-speed fan
- Safety bar
- Comfort seat with fore/aft suspension, lumbar support
- Comfort seat with air suspension
- Comfort cab, if equipped with cab
- Hinged front / rear window
- Hinged roof window with roller shade
- Automatic turn signal cancelling
- Heating with fan
- Emissions filter
- Integral air-conditioning system
- Work lights rear
- Aux. lighting front (integral)
- Telescoping sideview mirror

### Additional equipment

- Low roof version
- Implement mounting plate
- Ballast weights
- Speed socket
- Roof washer front*
All data regarding delivery, appearance, performance, dimensions and weight, fuel consumption and running costs of the vehicles correspond with the latest information available at the time of going to press. Changes may be made before the time of purchase. Your Fendt dealer will be happy to supply you with up-to-date information.